

Matter Information

Matter Name: Central Sands Dairy, LLC(CSD)
HQ/Region Lead: Cheryl Burdett
Point of Contact: Cheryl Burdett, Ryan Bahr, or Dean Maraldo
Date of Briefing: TBD

Brief Overview of Matter (two or three sentences)

Ex. 5 Deliberative Process (DP)

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in Juneau and Wood Counties. EPA will work with Region 7 using their expertise to assist Region 5 to characterize pollutant travel and groundwater flow pathway up-gradient and down-gradient of CSD's production area and land application fields. CSD has approximately 5000 Mature Dairy Cows and applies manure and fertilizer to approximately 7000 acres of crop fields. The investigation must be conducted the first week of May to measure the potential influence of spring manure application.

Action Requested

This is primarily an informational briefing, but the team is seeking authorization to fund an estimated \$5,200 of overtime pay for Region 7 staff. Region 7 is providing unique technical expertise, a geoprobe and a week of regular staff time but requests Region 5 fund the estimated overtime pay.

Procedural Posture

Ex. 5 Deliberative Process (DP)

EPA began investigating CSD because of complaints from a citizen's group known as "Friends of Central Sands", who were concerned about CSD's farming practices. Their investigation led identified private wells with nitrate levels as high as 37.8 mg/L (The public water supply standard is 10.0 mg/L).

In June of 2017, EPA conducted a production area inspection and file review to determine if CSD was in compliance with its National Pollutant Discharge Elimination System permit and Nutrient Management Plan.

Ex. 5 Deliberative Process (DP)

In October of 2017, EPA sampled private wells and found five private wells out of the 15 sampled that had results >20 mg/L of nitrate-nitrite which is over the drinking water standard of 10 mg/L.

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The Wisconsin Department of Agriculture, Trade and Consumer Protection has tested private wells for years and issued letters to citizens to transmit results stating that "... DHS recommends that all people avoid long-term consumption of water having nitrate concentrations greater than 10 mg/L."

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State Position on Matter	
There has been significant coordination with State program counterparts. WDNR is aware of the previous inspection and ongoing investigation and supports the investigation at the program level. The State had previously tried to characterize the impacts from the facility but claims to lack authority to conduct the necessary investigation.	
Significant or Precedential Issues	
<div>Ex. 5 Deliberative Process (DP)</div> drinking water.	<div>Ex. 5 Deliberative Process (DP)</div> Some residents are at times using alternate
Other	